

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

Serial No.

02-479-E

10/766,403

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Belardinelli

Filing Date:

1/27/04

Group:
Art Unit 1623
-3737-

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
A1	4,956,345	9/11/90	Miyasaka et al	—	—	
A2	4,968,697	11/6/90	Hutchison	—	—	
A3	5,070,877	12/10/91	Mohiuddin et al	—	—	
A4	5,189,027	2/23/93	Miyashita et al.	—	—	
A5	5,270,304	12/14/93	Kogi et al	—	—	
A6	5,459,254	10/17/95	Yamaguchi et al.	—	—	
A7	5,593,975	1/14/97	Cristalli	—	—	
A8	5,705,491	1/6/98	Yamada	—	—	
A9	5,770,716	6/23/98	Khan et al.	—	—	
A10	5,939,543	8/17/99	Morozumi et al.	—	—	
A11	6,026,317	2/15/00	Verani	—	—	
A12	6,214,807	4/10/01	Zablocki et al.	—	—	
A13	6,403,567	6/11/02	Zablocki	—	—	
A14	US2004/0127533	7/1/04	Hart et al.	—	—	

EXAMINER L. E. Crane

DATE CONSIDERED

05/21/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

MCDONNELL BOEHNEN
HULBERT & BERGHOFF
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

10/766,403 - PTO-1449 #1

COPY FOR [] File Applicant

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

Serial No.

02-479-E

10/766,403

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Belardinelli

Filing Date:

1/27/04

Group:
Art Unit 1623

-3737--

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
B1	WO 93/25677	12/13/93	PCT	_____	_____		
B2	WO 00/78779	12/28/00	PCT	_____	_____		
B3	WO 00/78778	12/28/00	PCT	_____	_____		
B4	WO 01/62979	8/30/01	PCT	_____	_____		
B5	WO 04/011010	2/5/04	PCT	_____	_____		
B6	EP 0354 638	2/14/90	EP	_____	_____		
B7	965,411	4/1/75	CA	_____	_____		
B8	Hei 5[1993]-9197	1/19/93	JP	_____	_____		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

C1	Iskandrian, A, "Adenosine Myocardial Perfusion Imaging", <i>The Journal of Nuclear Medicine</i> , vol. 35, pp. 734-736 (1994).
C2	Gao, et al., "Novel Short-Acting A2A Adenosine Receptor Agonists for Coronary Vasodilation: Inverse Relationship between Affinity and Duration of Action of A2A Agonists", <i>Journal of Pharmacology and Experimental Therapeutics</i> , vol. 298, pp. 209-218 (2001).
C3	Marumoto, et al., "Synthesis and Coronary Vasodilating Activity of 2-Substituted Adenosines", <i>Chem.. Pharm. Bull.</i> 23(4): 759-774 (1975).

EXAMINER L. E. Crane

DATE CONSIDERED 05/21/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

MCDONNELL BOEHNEN
HULBERT & BERGHOFF
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

10/766,403 - PTO-1449 #1

COPY FOR [] File Applicant

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

02-479-E

Serial No.

10/766,403

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Belardinelli

Filing Date:

1/27/04

Group:

Art Unit 1623
-3737--

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

C4	Marumoto, et al., "Synthesis and Enzymatic Activity of Adenosine 3',5'-Cyclic Phosphate Analogs", <i>Chem.. Pharm. Bull.</i> 27(4) 990-1003 (1979).
C5	Persson, et al., "Synthesis and Antiviral Effects of 2-Heteroaryl Substituted Adenosine and 8-Heteroaryl Substituted Guanosine Derivatives", <i>Bioorganic & Medicinal Chemistry</i> , 3:1377-1382 (1995).
C6	Mager, et al., "Molecular simulation applied to 2-(N'alkylidenehydrazino)- and 2-(N'-aralkylidenehydrazino) adenosine A ₂ Agnonists", <i>Eur J. Med. Chem.</i> , 30:15-25 (1995).
C7	Cristalli et al., "2-Alkynyl Derivatives of Adenosine 5'-N'ethyluronamide: Selective A ₂ Adenosine Receptor Agonists with Potent Inhibitory Activity on Platelet Aggregation", <i>J. Med. Chem.</i> , 37:1720-1726 (1994).
C8	Matsuda, et al., "Nucleosides and Nucleotides. 103. 2-Alkynyladenoines: A Novel Class of Selective Adenosine A ₂ Receptor Agonists with Potent Antihypertensive Effects", <i>J. Med. Chem.</i> 35:241-252 (1992).
C9	Xu, et al. "Coronary Vasodilation by a Short Acting, Low Affinity A2A Adenosine Receptor Agonist in Anesthetized Closed Chest Dogs: A Second Generation of Coronary Artery Pharmacologic Stressor", <i>Circulation</i> , vol. 102, no. 18, pp. 3912 (2000).

EXAMINER L. E. Crane

DATE CONSIDERED 05/21/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

MCDONNELL BOEHNEN
HULBERT & BERGHOFF
300 SOUTHWACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

10/766,403 - PTO-1449 #1

COPY FOR [] File Applicant

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/766,403
(Use as many sheets as necessary)		Filing Date	1/27/2004
		First Named Inventor	Belardinelli
		Art Unit	3737 - 1623
		Examiner Name	Not Assigned
Sheet	1	of	1
Attorney Docket Number			

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	L. E. Crane	Date Considered	05/21/2006
-----------------------	---	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. (Include copy of this form with next communication) to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number



Institute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known	
Application Number	10/766,403
Filing Date	January 27, 2004
First Named Inventor	Belardinelli
Art Unit	3737 - 1623
Examiner Name	Not Assigned
Attorney Docket Number	02-479-E

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A15	us-6,642,210	11-4-03	Zablocki et al.	
	A16	us-6,855,818	2-15-05	Zablocki et al.	
	A17	us-6,770,634	8-3-04	Zablocki et al.	
	A18	us-2002/0012946	1-31-02	Zablocki et al.	
	A19	us-2004/0038928	2-26-04	Zablocki et al.	
	A20	us-2004/0198692	10-7-04	Zablocki et al.	
	A21	us-2005/0175535	8-11-05	Belardinelli	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				

Examiner Signature

L. E. Crane

Date Considered

05/21/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/766,403
(Use as many sheets as necessary)		Filing Date	January 27, 2004
		First Named Inventor	Belardinelli
		Art Unit	3737- 1623
		Examiner Name	Not Assigned
Sheet	2	of	2
		Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>JRC</i>	C13	Glover et al., "Pharmacological Stress Thallium Scintigraphy with 2-Cyclohexylmethylidenehydrazinoadenosine", Circulation, pp. 1726-1732 (1996), V. 94.	

Examiner Signature	L. E. Crane		Date Considered	05/21/2006
--------------------	-------------	---	-----------------	------------

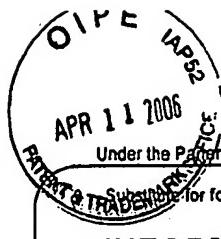
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant Is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com



PTO/SB/08a (07-05)

Approved for use through 07/31/2008, OMB 0651-0931

Approved for use through 07/01/2005. GPO 0001-0001
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Partnership Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

~~Substitute for Form 1449A/PTO~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

She

1

Complete if Known

Application Number	10/766,403
Filing Date	January 27, 2004
First Named Inventor	Belardinelli
Art Unit	3737 - 1623
Examiner Name	Not Assigned
Attorney Docket Number	02-479-E

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number ⁴ "Kind Code ³ (if known)				
JKL	B9	WO 98/57651	12-12-98	Martin et al.		
JKL	B10	WO 98/52611	11-26-98	Ozaki et al.		X
JKL	B11	JP S48-26038	8-3-73	Honjoki		X

**Examiner
Signature**

L. E. Crane

Date Considered

05/21/2006

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com